Application No. 10/618,243 Response to Office Action Customer No. 01933

Listing of Claims:

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 (Currently Amended) An ink-jet recording method comprising: the step of;

providing an ink to an ink receiving sheet,

wherein the ink comprises fine resin particles, a
water-soluble dye, water and an organic solvent, and

wherein the ink receiving sheet comprises a support and a porous ink receiving layer having which has pores and is provided on the support, and

wherein the ink and the ink receiving sheet satisfy the
following formula

 $|D_{L10} - D_{M50}| = 170 \text{ nm},$

wherein where:

 D_{L10} is the <u>a</u> particle diameter at which 10 percent of the fine resin particles in <u>by</u> number have a diameter from a minimum diameter D_{L0} up to and including D_{L10} , and

 D_{M50} is the <u>a</u> pore diameter measured using a mercury porosimeter at which 50 percent of the pores in <u>by</u> volume have a diameter from a minimum diameter D_{M0} up to and including D_{M50} .

2. (Original) The ink-jet recording method of claim 1, wherein D_{L10} - D_{M50} is not more than 65 nm.

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- 3. (Original) The ink-jet recording method of claim 1, wherein D_{L10} D_{M50} is not less than 0.
- 4. (Original) The ink-jet recording method of claim 1, wherein DL10 DM50 is not less than 20 nm.
- 5. (Currently Amended) The ink-jet recording method of claim 1, wherein a polydispersity index (PDI) of the particle diameter distribution of the fine resin particles in the ink is from 0.1 to 0.3,

5 where:

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PDI = (DL90 - DL10)/DL50,

wherein DL10 is the particle diameter at which 10 percent of the fine resin particles in number have a diameter from a minimum diameter DL0 up to and including DL10,

DL50 is the <u>a</u> particle diameter at which 50 percent of the fine resin particles in <u>by</u> number have a diameter from a minimum diameter DL0 up to and including DL50, and

DL90 is the <u>a</u> particle diameter at which 90 percent of the fine resin particles in <u>by</u> number have a diameter from a minimum diameter DL0 up to and including DL90.

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- 6. (Original) The ink-jet recording method of claim 1, wherein an average particle diameter of the fine resin particles in the ink is from 10 to 150 nm.
- 7. (Original) The ink-jet recording method of claim 1, wherein the ink receiving layer contains fine resin particles.
- 8. (Currently Amended) The ink-jet recording method of claim 1, wherein D_{M50} in the pore diameter distribution curve in the ink receiving layer is from 15 to 40 nm.
- 9. (Original) The ink-jet recording method of claim 1, wherein minimum film forming temperature (MFT) of the fine resin particle in the ink is from 0 to 60 °C.
 - 10. (Original) The ink-jet recording method of claim 1, wherein surface roughness of the ink receiving layer is not more than 10 nm.
 - 11. (Currently Amended) The ink-jet recording method of claim 1, wherein the support of the ink receiving sheet has comprises a continuous layer of a thermoplastic resin.